Allied Telesis™

AT-FS708/POE
Unmanaged 8 Port Power Over Ethernet Switch

AT-FS708/POE
  8 port 10/100TX unmanaged PoE switch with 1 SFP

High Performance
Providing powerful 10/100 switching solutions for desktop, conference room and security applications, the Allied Telesis AT-FS708/POE unmanaged switch features automatic detection and classification of an attached PoE device. With all eight ports PoE capable (four at full 15.4W), this is the perfect solution for a wireless security or conference room application. The 10/100 ports on the switch feature full auto-negotiation. These ports enable the switches to detect the speed and duplex modes of attached devices, enabling them to automatically configure for the best possible performance. One SFP port is also available for connecting this device to other switches in your network, such as the 8500 series of switches.

Simplified Installation
The AT-FS708/POE provides wall-mount, rack-mount and desktop options giving users their choice of deployment locations. Fully auto-configuring AT-FS708/POE switch requires minimal set-up by the user. Auto-sensing ports enable seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices—and all units can be installed in minutes. Every AT-FS708/POE switch is equipped with auto MDI/MDI-X across all ports for simple connection to other hubs and switches as well as automatic detection and classification of the PoE ports. Finally, easy to read top panel LEDs show ongoing switch status and simplify troubleshooting.

Quality and Reliability
Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 each year, Allied Telesis offers proven reliability and industry recognized quality.

Key Features

- 8 10/100TX ports

- 1 SFP uplink port

- Auto detect and classification of PoE

- PoE capable on all 8 10/100TX ports (4 @ 15.4W max)

- IEEE 802.3af standard

- Non-blocking architecture

- Auto-negotiation ports

- Auto MDI/MDI-X on all ports

- Plug and Play installation

- Rack-mount, wall-mount and desktop hardware included

Performance

Ethernet	10Mbps (half-duplex)
	20Mbps (full-duplex)
Fast Ethernet	100Mbps (half-duplex)
	200Mbps (full-duplex)
MAC addresses	8K
Packet buffer	768K

Half/full-duplex
Auto-negotiation
Auto MDI/MDI-X on all ports

Interface Connections

10/100TX	RJ-45
1 x SFP	

Power Characteristics

Frequency	50 to 60Hz
Power requirements	90-240V AC
Power consumption	90W max
PoE power	48vDC, 65W
Switch and fan power	12vDC, 20W

Environmental Specifications

Operating temp	0 to 40°C (32 to 104°F)
Non-operating temp	-25 to 70°C (-13 to 158°F)
Operating humidity	10-90% non-condensing
Non-operating humidity	5-95% non-condensing

Vibration IEC 68-2-36
Shock IEC 68-2-29
Drop IEC 68-2-32

Physical Characteristics

Dimensions	4.3cm x 33cm x 22cm
	(1.7" x 13" x 8.7")
Weight	1.90kgs (4.20 lbs)

Standards and Compliance

IEEE 802.3i	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3x	Flow control
IEEE 802.3af	Power over Ethernet, mode A

Certification

UL1950 TUV UL
C-Tick CE Mark
FCC Part 15
CISPR 22
EN55022

Ordering Information

AT-FS708/POE-xx
8 port 10/100TX unmanaged PoE switch with 1 SFP

Where xx =   10 for US power cord
             30 for UK power cord
             40 for Australian power cord
             50 for European power cord

SFP Modules

AT-SPTX
10/100/1000T 100m copper
Order number: 990-000262-00

AT-SPSX
GbE multi-mode 850nm fiber
Order number: 990-00028-00

AT-SPLX10
GbE single-mode 1310nm fiber up to 10km
Order number: 990-00029-00

AT-SPLX40
GbE single-mode 1310nm fiber up to 40km
Order number: 990-00161-00

AT-SPLX40/1550
GbE single-mode 1550nm fiber up to 40km
Order number: 990-00160-00

AT-SPZX80
GbE single-mode 1550nm fiber up to 80km
Order number: 990-00031-00

AT-SPZX80/wwww
GbE single-mode CWDM fiber up to 80km
Order number: 990-000xx-00

Where wwww =	Where xx =	CWDM Wavelength
1610	32	1610nm
1590	33	1590nm
1570	34	1570nm
1550	35	1550nm
1530	36	1530nm
1510	37	1510nm
1490	38	1490nm
1470	39	1470nm

Connecting The (IP) World

Allied Telesis